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Approved for use through 09/30/2000. OMB 0651 0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION

Attome	y Docket No.	N19.12-0051	S.19	
First In	ventor or Applicati	on Identifier	Horne et al.	- 2ic
Title	METAL VAN	ADIUM OXIDE	PARTICLES	262
Expres	s Mail Label No.	EL6360525	22US	ပ် 🚆

				METAL VANADIUM OXIDE PARTICLES					
ior new	Hor new non-provisional applications under 37 C.F.R. § 1.53(B))				o. EL636	6052522US	****	- 800 T	
שי	•				'			5 7	
- O	APPLICATION ELEMENTS			Addre		Assistant Comr Box Patent App		or Patents	
See MPEP	chapter 600 concerning utility patent application content	s.				Washington, DO			
1.	*Fee Transmittal Form e.g., PTO/SB17) (Submit an original and a duplicate for fee processing)		5.		Microfiche Co	mputer Prograr	m (Appendi	×)	
2.	Specification [Total Sheets 47]		6.		Nucleotide and (If applicable, a	i/or Amino Acid : all necessary)	Sequence S	Submission	
Ja Jana Jana Jana Jana Jana Jana Jana J	(preferred arrangement set forth below - Descriptive title of the Invention) - Cross References to Related Applications - Statement Regarding Fed sponsored R & D	_		a. b c.	☐ Com ☐ Pap ☐ State	nputer Readable er Copy (Identic ement verifying	al to compu	bove copies	
4	- Reference to Microfiche Appendix	1			ACCOMPANY	ING APPLICA	TION PAR	TS	
The Course	- Background of the Invention	I	7.	X	Assignment	Papers (cover s	heet & docu	ıment(s))	
	 Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description 	l	8.		37 C.F.R. § when there is	3.73(b) Stateme an assignee)	ent 🗵	Power of Attorney	
	- Claim(s) - Abstract of the Disclosure	- 1	9.		English Tran	nslation Docume	ent		
3. X	Drawing(s) (35 U.S.C. § 113) [Total Sheets -	12)	10.		Information Statement (Disclosure IDS/PTO PTO)	Copies of IDS	
4. Oath	or Declaration [Total Sheets 3	1,	11.	X	Preliminary	Amendment			
** a.	Newly executed (original or copy)	"	12.	X	Return Rece	eipt Postcard (M	PEP 503)		
b.	Copy from a prior application (37 C F.R. § 1.63 (for continuation/divisional with Box 16 completed)	(d))	13.		*Small Entity Statement(s (PTO/SB/09-1) Status	ent filed in p still proper a	rior application. ind desired	
	i. DELETION OF INVENTOR(S) Signed statement attached deleting		14.			py of Priority Do nority is claimed,			
	inventor(s) named in the prior applicat see 37 C.F.R. §§1.63(d)(2) and 1.33(b		15.		Request and	d Cert. Under 35	USC 122 (Non-Pub)	
FEES, A SA	R ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTI IALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT LED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).		16.		Other:				
16. If a (CONTINUING APPLICATION, check appropriate box, a	and supr	oly the re	eausite (nformation belo	w and in a prelimi	inarv amendi	ment:	
	Continuation □ Divisional □ Continuation –in pa						,		
Prior application Divisional Continuation –in part (CIP) of prior application No: 09/246,076 Prior application information: Examiner J Strickland Group/Art Unit. 1754 FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
17. CORRESPONDENCE									
			W W W	~ -					
☐ Cus	stomer Number or Bar Code Label (Insert Customer N	o. or Atto	ach bar o	ode label	here) or	⊠ Correspon	ndence addr	ess below	
	Peter S. Dardi, Ph.D.								
Name	WESTMAN CHAMPLIN & KELLY								
	Suite 1600 – International Centre								
Address	900 South Second Avenue								
City	Minneapolis s	tate	MN			Zip Code	55402-3		
Country	USA Telepho	one	(612)	334-3	222	Fax	(612) 33	34-3312	
	Pater & Dardi Bh D						20 650		

1	Name (Print/type)	Peter S. Dardi, Ph.D.	Registration No (Attorney/Agent)	39,650		
	Signature	Returd. Dard	Date	1/9/01		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Horne, et al

Filed:

Continuation of 09/246,076

For:

METAL VANADIUM OXIDE PARTICLES

Docket No.

N19.12-0051

TRANSMITTAL LETTER

"Express Mail" mailing label number: EL636052522US Date of Deposit: January 9, 2001

The following paper(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee", addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231

- 1. Utility Patent Application Transmittal
- 2. Continuation Patent Application comprising the following pages:

1 pg

Abstract

43 pgs

Specification

3 pgs

Claims

12

Sheets of Informal drawings.

- Transmittal Letter
- 4. Fee Calcuation Sheet (in duplicate)
- 5. Declaration
- 6. Assignment and Recordation Cover Sheet
- 7. Checks in the amounts of \$364.00 and \$40.00
- 8. Post Card.

Under 37 CFR § 1.136(a) (3), applicants hereby authorize for any future reply, the incorporation of any required petition for extension of time for the appropriate length of time and authorize the charging of fees under § 1.17 to deposit account 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

BY:

Peter S. Dardi, Ph.D.

Reg. No. 39,650

Suite 1600 - International Centre

900 Second Avenue South

Minneapolis, MN 55402-3319

		Complete if Known				Continuation of 00/240 070					
FEE TRANSMITTAL				Application No. Filing Date				Continuation of 09/246,076			
								Herewith			
					First Named Inventor			. H	Horne et al.		
					Title			ĪV	METAL VANADIUM OXIDE PARTICLES		
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Total Amount of Payment \$ 364				Atty. Docket Number				N19.12-0051			
METHOD	OF PAY	MENT (Che	eck One)					FEE	CALCULATION (Continued)		
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and credit any over payr Westman, Champlin & F		posit Accour	nt No. <u>23-112</u>	<u>3</u> .	Fee	Entity Fee	Fee	Entity Fee	Fee Description F	ee	
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2. Check Enclosed					Code	(\$)	Code	(\$)	S. Burghama (at 60 a tau		
					105	130	205	65			
The state of the s	EE CALC	ULATION			127	50	227	25	5 Surcharge - Late provisional Filing Fee or cover sheet		
. BASIC FILING FI	E				139	130	139	130	Non-English specification		
Large Entity Sn	nall Entity				147	2,520	147	2,520	9 For Filing a Request for Reexamination		
Fee Fe	e Fee				115	110	215	55	5 Extension for reply within first month		
Cổde (\$) Coo	<u>(\$)</u>	Fee Des	cription		116	390	216	195	5 Extension for reply within second month		
101 710 20	355	∑ Utili	ty Filing Fee		117	890	217	445	5 Extension for reply within third month		
106 320 20	3 160	Desig	n Filing Fee		118	1,390	218	695	5 Extension for reply within fourth month		
1 <u>0</u> 8 710 20	355	Reiss	ue Filing Fe	9	128	1,890	280	945	5 Extension for reply within fifth month		
144 150 21	75	Prov	Filing Fee		120	310	220	155	5 Filing a brief in support of an appeal		
			Subtotal	(1) \$ 355	121	270	221	135	5 Request for oral hearing		
2. EXTRA CLAIM F	EES				148	110	248	55	5 Terminal Disclaimer Fee		
Number Claims	Prior**	Extra	Fee from Below	Fee Paid	140	110	240	55	5 Petition to Revive - unavoidable		
Total 21	20	3	9	27	141	1,240	241	620	D Petition to Revive - unintentional		
Indep. 3	3	0	40	0	142	1,270	242	650	Utility/Reissue issue fee (inc. advance copies)		
Multiple Dependent Cla	ms				143	470	243	250			
** Insert 3 and 20, or numb		paid if greater	Reissue see t	pelow	122	130	122	130	9 Petitions to the Commissioner		
Large Entity Smarrer Fee Fee Fee Code (\$) Code	Ill Entity Fee (\$)	Description	•		123	50	123	50	 Petitions related to provisional applications 		
103 18 203	9	Claims in e	excess of 20		126	240	126	240	0 Submission of Information Disclosure		
102 80 202	40	Independe	nt claims in e		120	240	120	240	Statement		
104 270 204	135		pendent Cla		581	40	581	40			
109 80 209	40	Original Pa							property (times number of properties)		
110 18 210	9		aims in exces riginal patent		Other F	ee (speci	ify)				
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Reg. No. 39,650

Deposit Account No. 23-1123